

DP-310644 (DEL01 P-480)

**TECHNIQUE FOR CALIBRATING A CURRENT CONTROL CIRCUIT**

Abstract of the Disclosure

A technique for calibrating a current control circuit includes a number of steps. One step includes setting a conduction time of a low-side switch, which is coupled between a low-side of the load and ground, to provide a desired load current to a load. Another step includes determining a high-side load current on a high-side of the load, which is coupled to a power source, when a low-side load current on the low-side of the load transitions through a first predetermined reference level. Yet another step includes establishing a first correction factor based upon the high-side load current and the low-side load current. Still another step includes adjusting the conduction time of the low-side switch based on the first correction factor to provide the desired load current to the load.